

SEQUENCE LISTING

<110> SYODA, MAKOTO
SUGANO, YASUSHI
KUBOTA, HIDETOSHI

<120> NOVEL ENZYME WITH DECOLORIZING ACTIVITY AND METHOD FOR DECOLORIZING DYES
BY USING THE SAME

<130> 213129US0PCT

<140> US 09/926,084

<141> 2001-08-27

<150> JP99/11-050562

<151> 1999-02-26

<160> 16

<170> PatentIn version 3.1

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Thr Tyr Val Pro Glu Arg
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Cys Pro Phe Gly Ala His Val Arg
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Ile Pro Tyr Gly Pro Glu Thr Ser Asp Ala Glu Leu Ala Ser Gly Val
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Thr Ala Gln Asp Arg
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Ser Gly Ala Pro Ile Asp Leu Ala Pro Thr Ala Asp Asp Pro Ala Leu
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Gly Ala Asp Pro Gln
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Pro Thr Ala Asp Asp Pro
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Met Asp Leu Ser Leu Phe Val Val Ser Val Ala Val Leu Val Gly Ser
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Ser Ser His Val Asn Ala Ala Lys Leu Gly Ala Arg Gln Thr Arg Thr
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Thr Pro Leu Leu Thr Asn Phe Pro Gly Gln Ala Pro Leu Pro Thr Leu
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Ala Ala

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Phe Thr Gly Thr Thr Ile His Gly Val Phe
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Gly Pro Val Leu Val Arg Leu Ala Trp His Thr Ser Gly Arg Glu Val
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Val Ala Leu Met Gly Ala His Ala Leu Gly
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Ala Leu Ile Ala Gly Gly His Thr Leu Gly
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Val Arg Lys Ile Leu Arg Ile Val Phe His Asp Ala Ile Asp Glu Val
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Val Asp Leu Leu Ala Ala His Ser Leu Ala
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Ala His Glu Val Ile Arg Leu Thr Phe His Asp Ala Ile Phe Glu Val
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Val Ser Leu Leu Ala Ser His Thr Val Ala
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Val Trp Met Leu Ser Ala His Ser Val Ala
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Gly Ala Ser Ile Leu Arg Leu Phe Phe His Asp Cys Phe Arg Asp Met
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Val Ala Leu Ser Gly Ala His Thr Ile Gly
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Ala Ala Ser Ile Ile Arg Leu His Phe His Asp Cys Phe Ser Asp Leu
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Val Ala Leu Ser Gly Gly His Thr Phe Gly
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